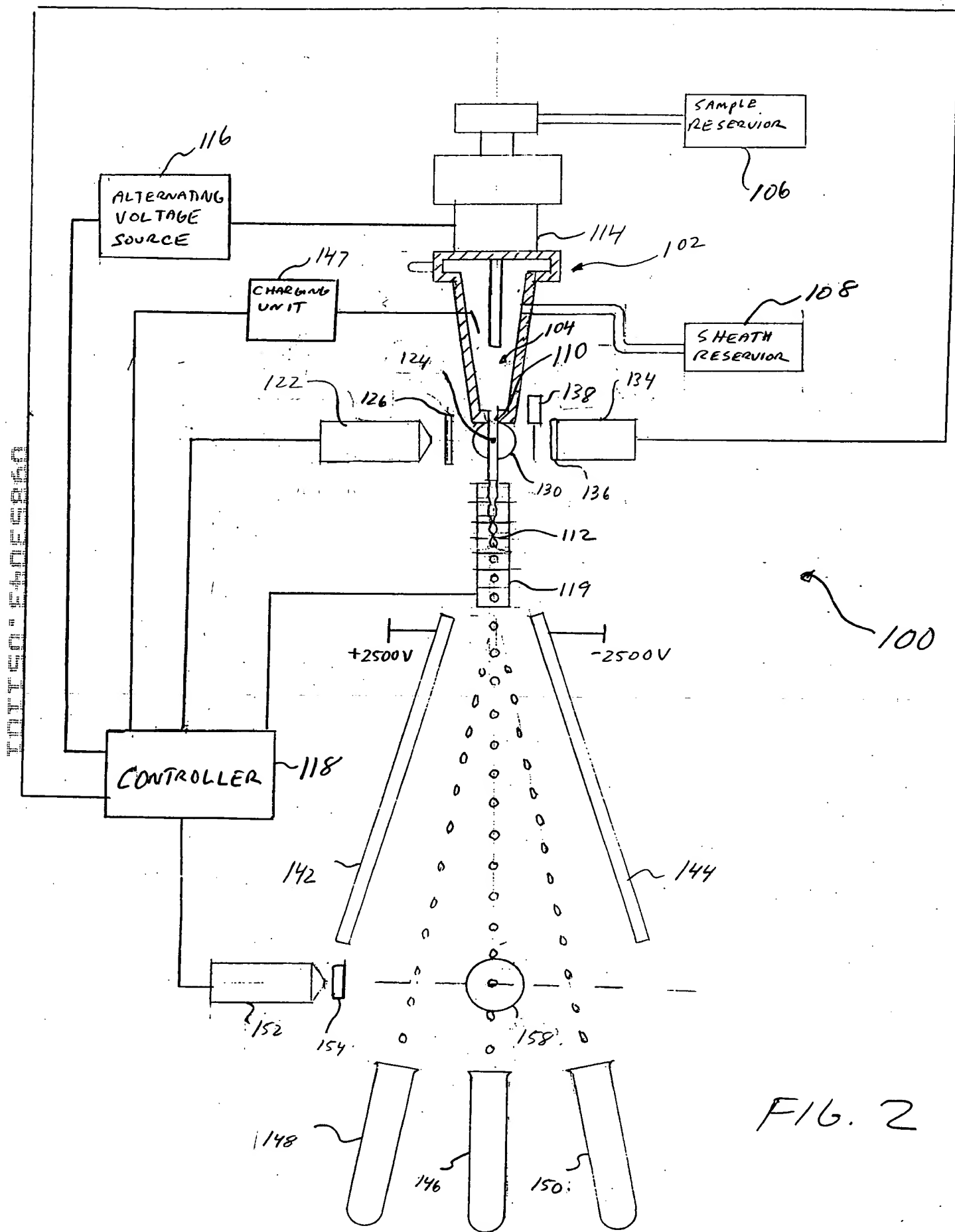


FIG. 1

0983043-051104



051107 051107 051107 051107 051107

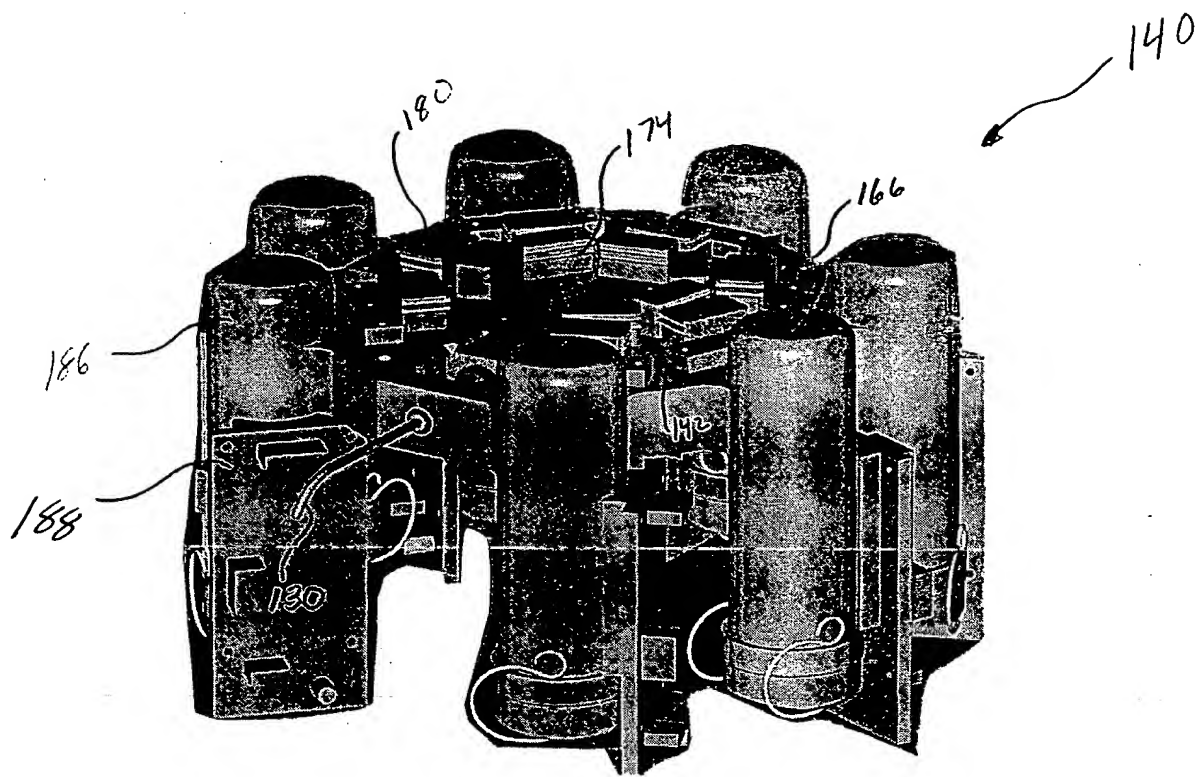


FIG. 3



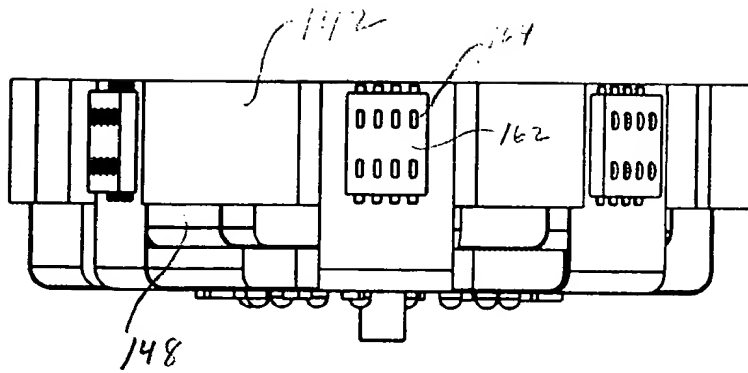


FIG. 6

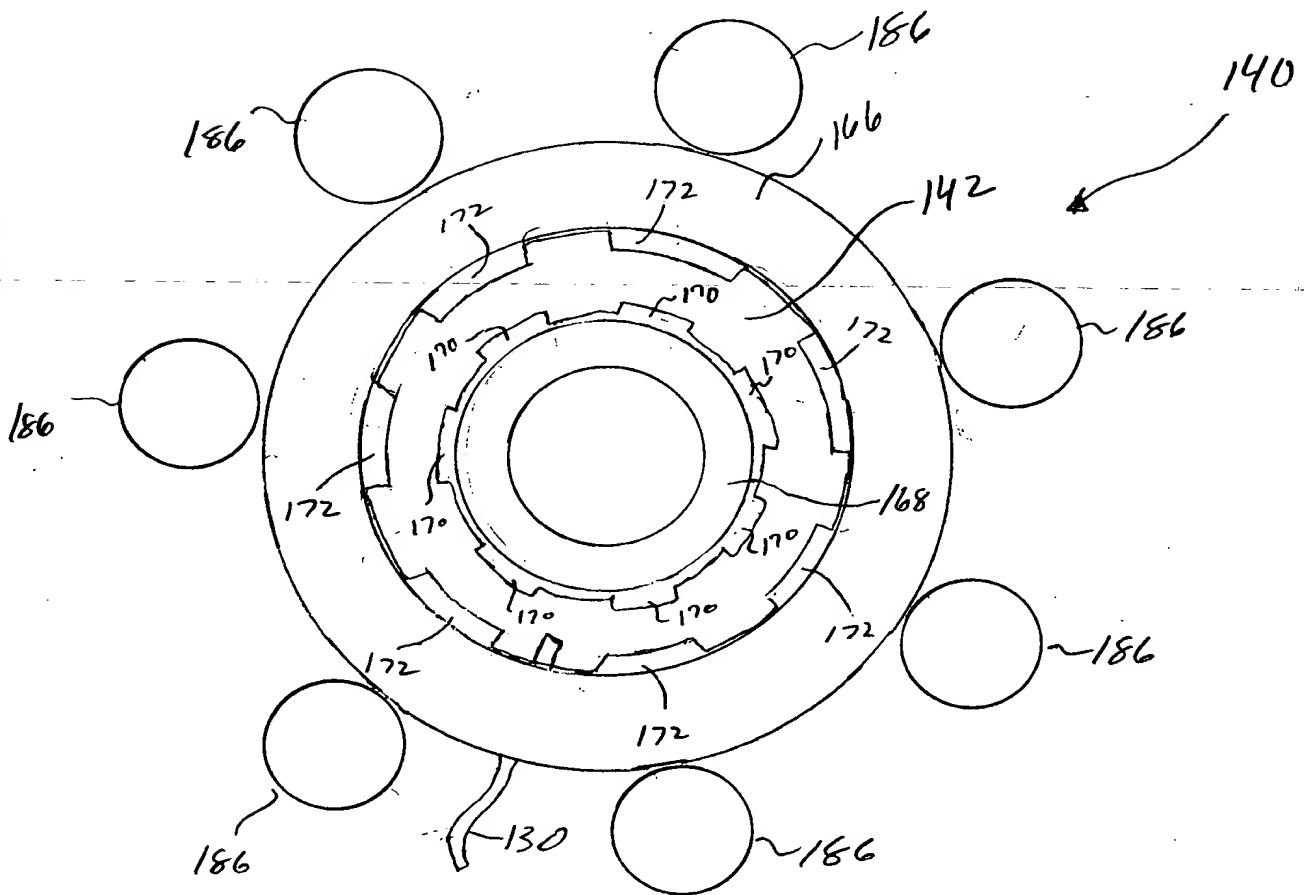


FIG. 7

0933043-05101

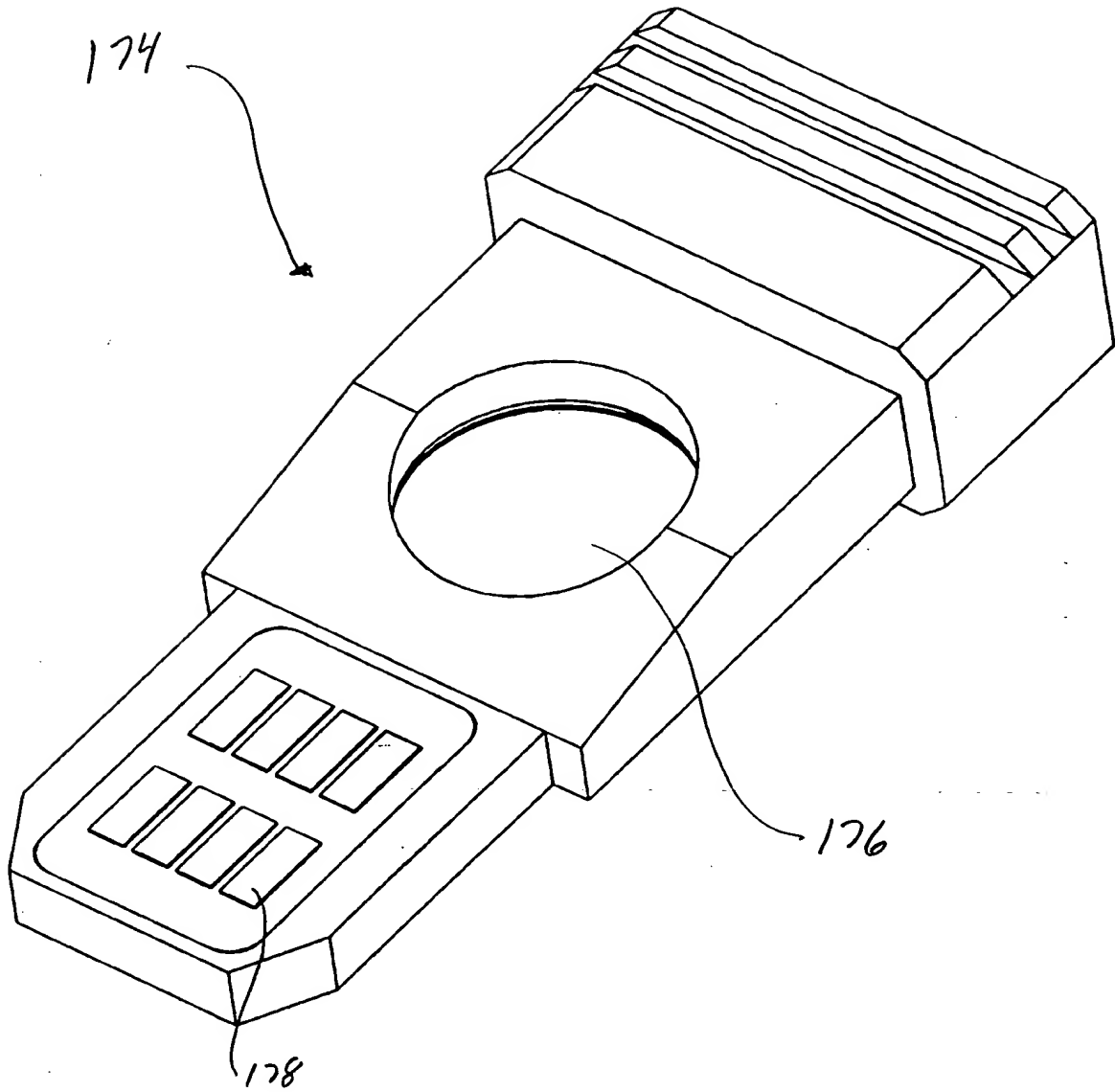
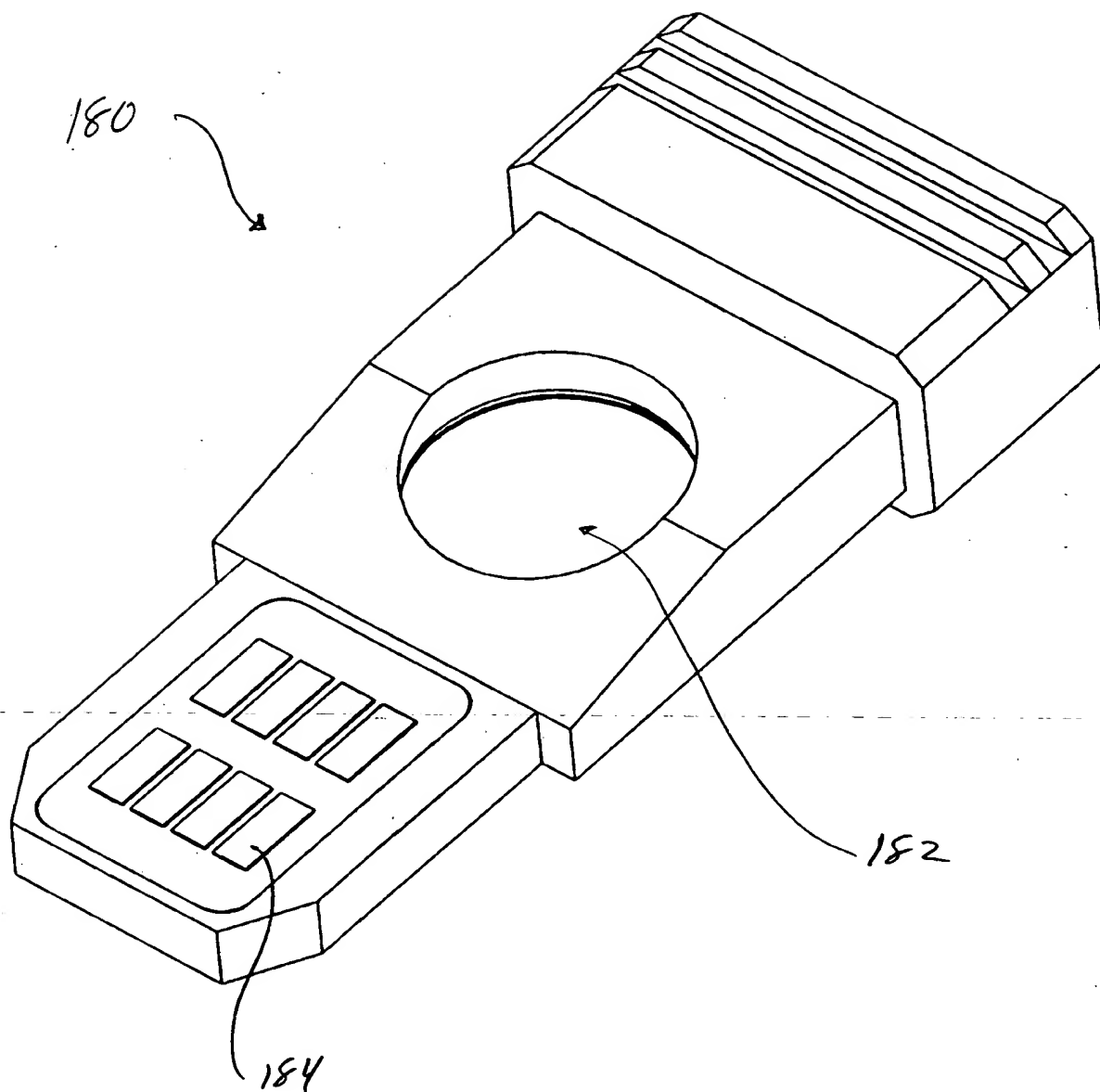


FIG. 8

09853043.05101



F16. 9

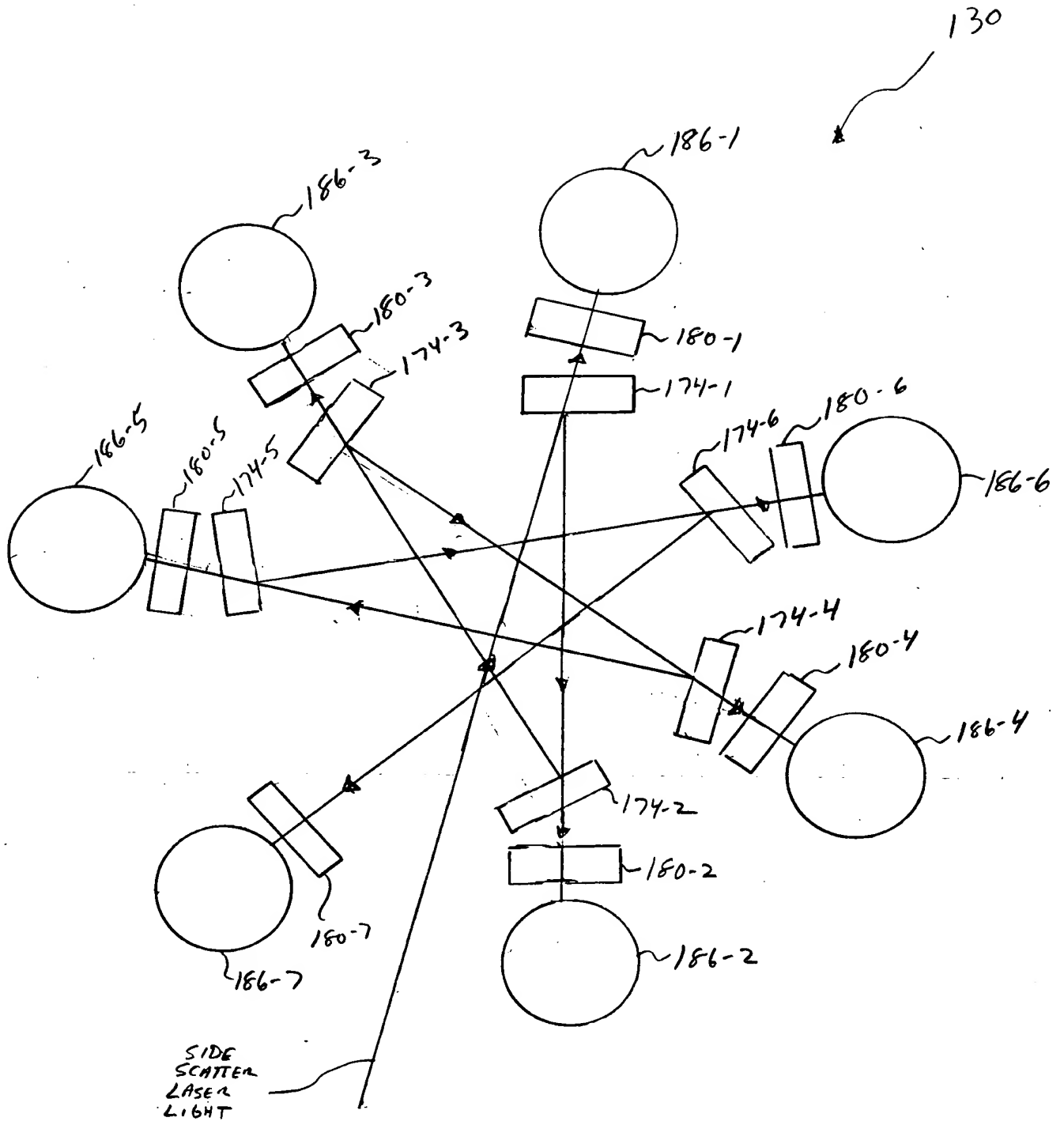
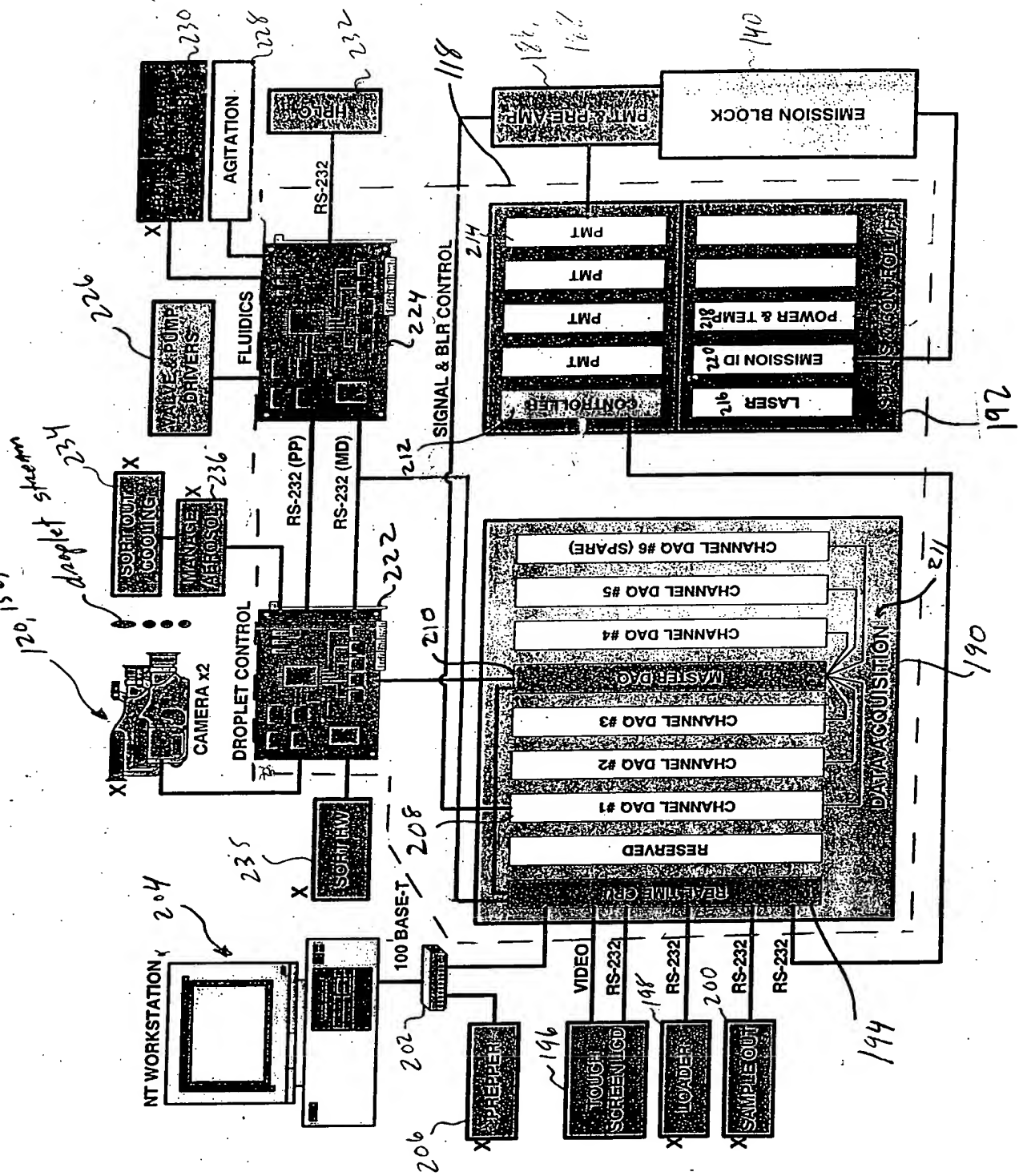


FIG. 10

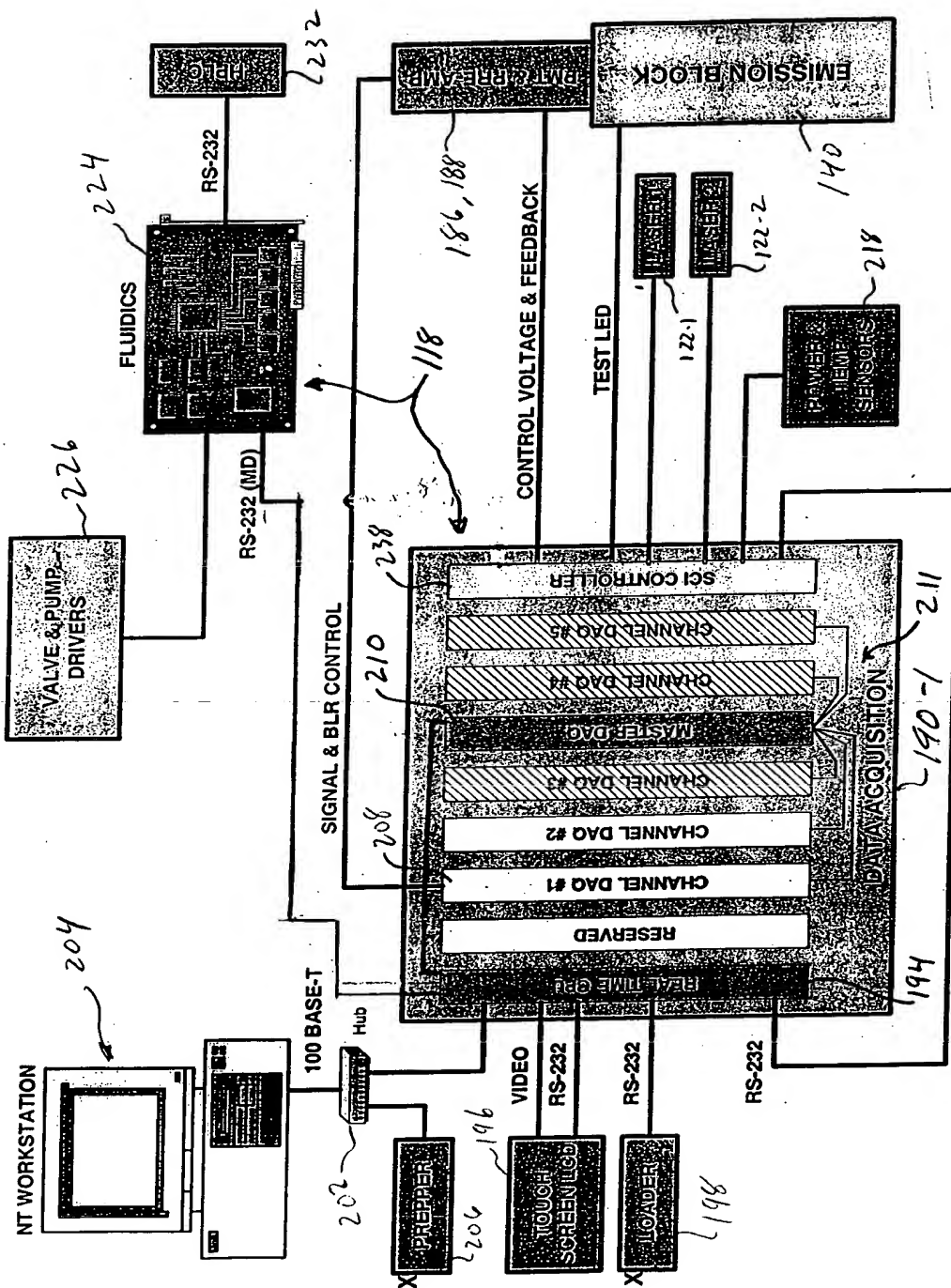


FIG. 10

F16.11



44-64000-60



F/G. 12

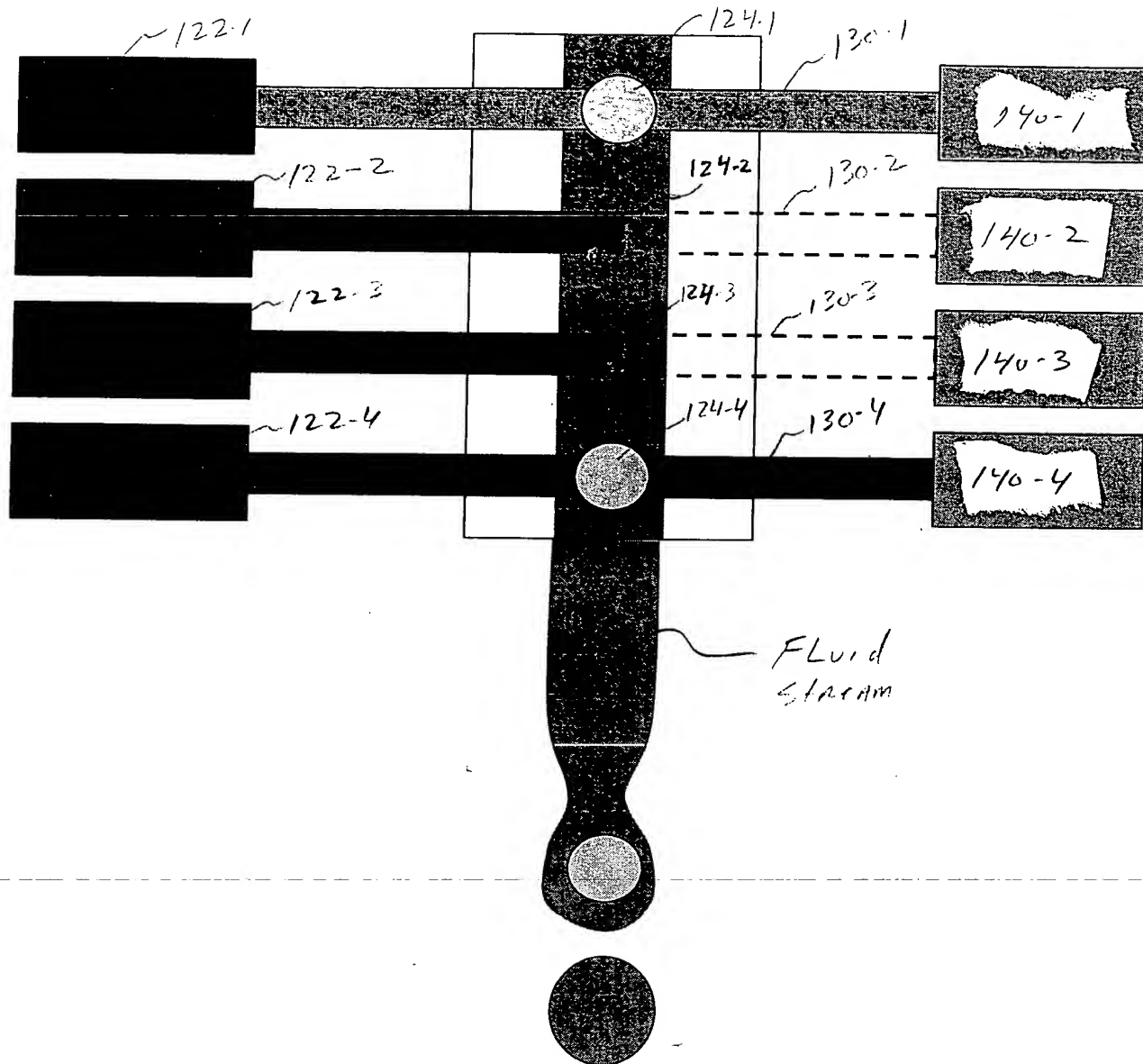


FIG. 13

FIG. 14

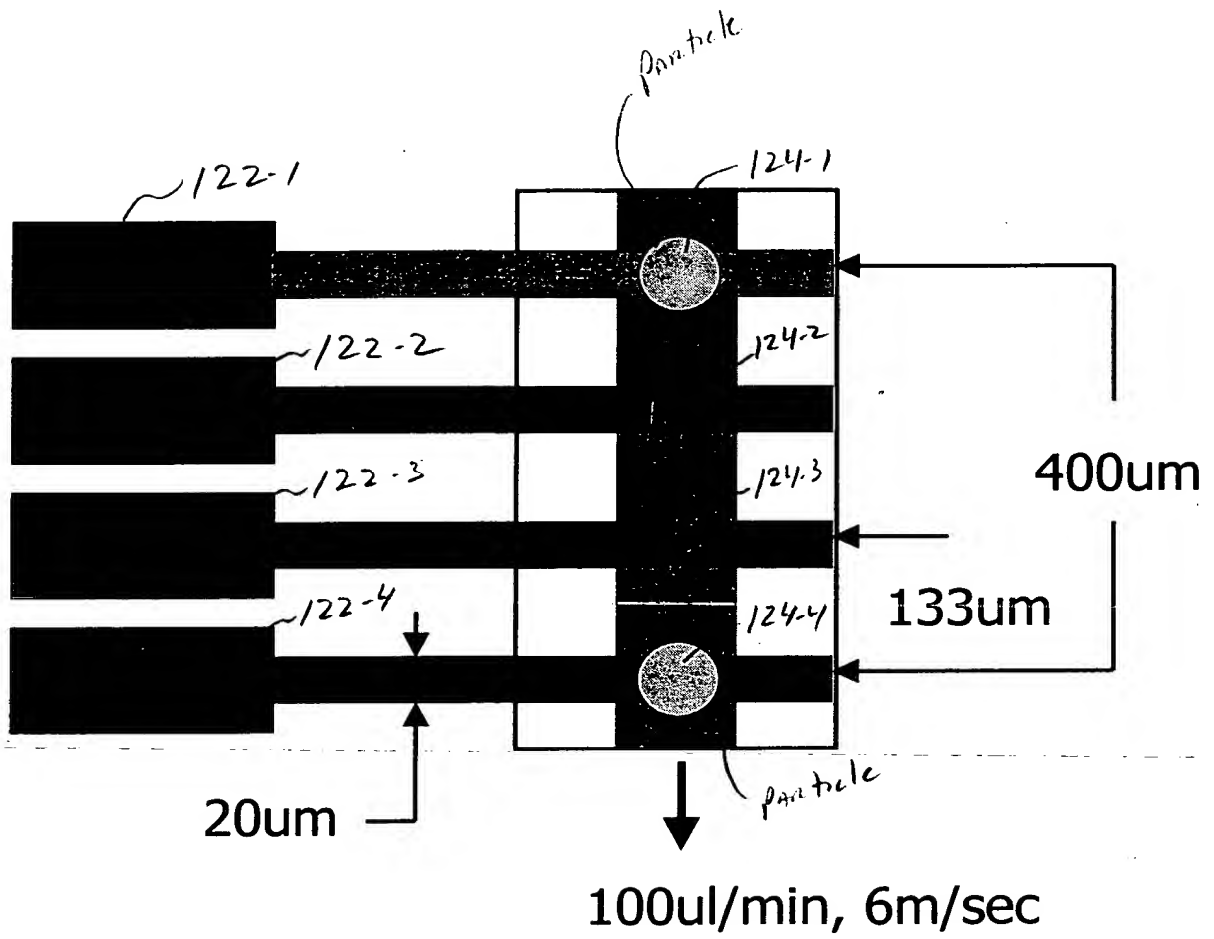


FIG. 14

Downloaded from www.ascelibrary.org

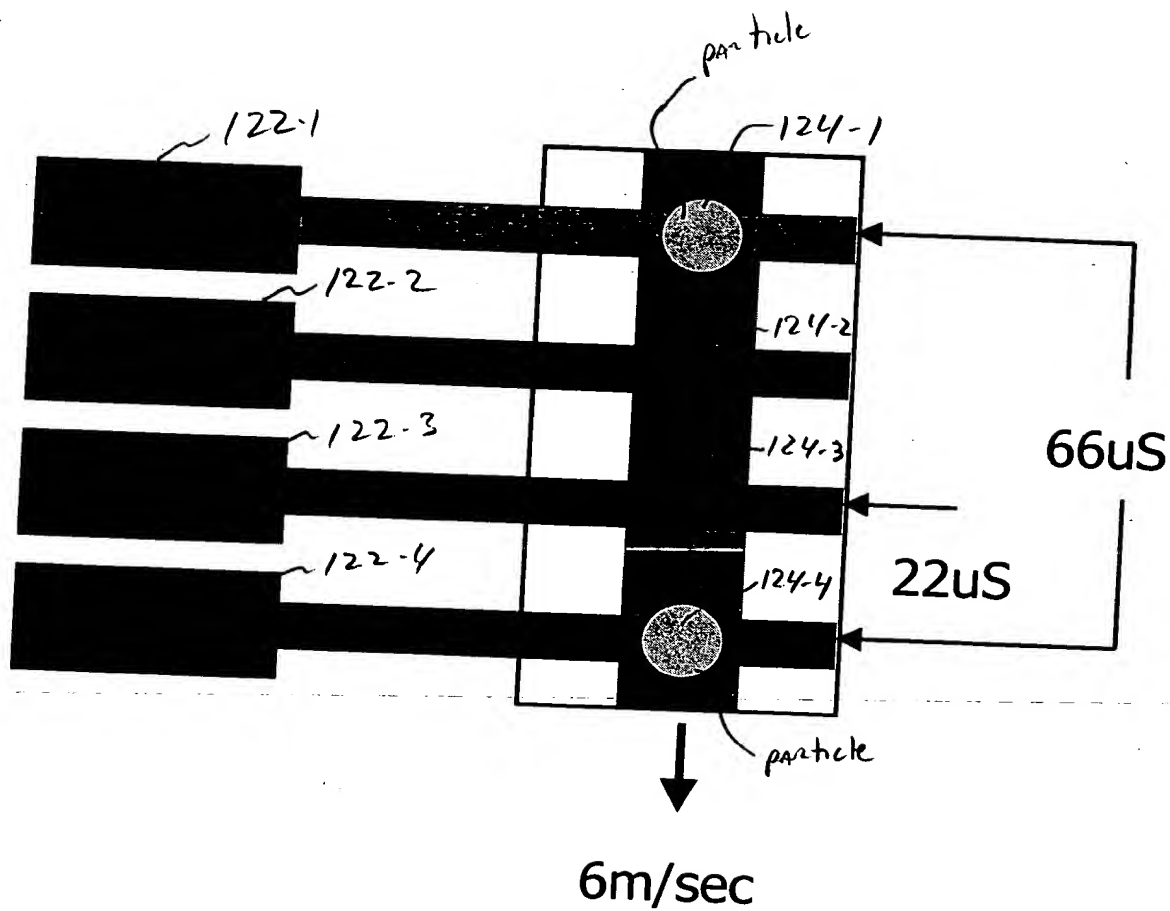


FIG. 15

FIG. 16

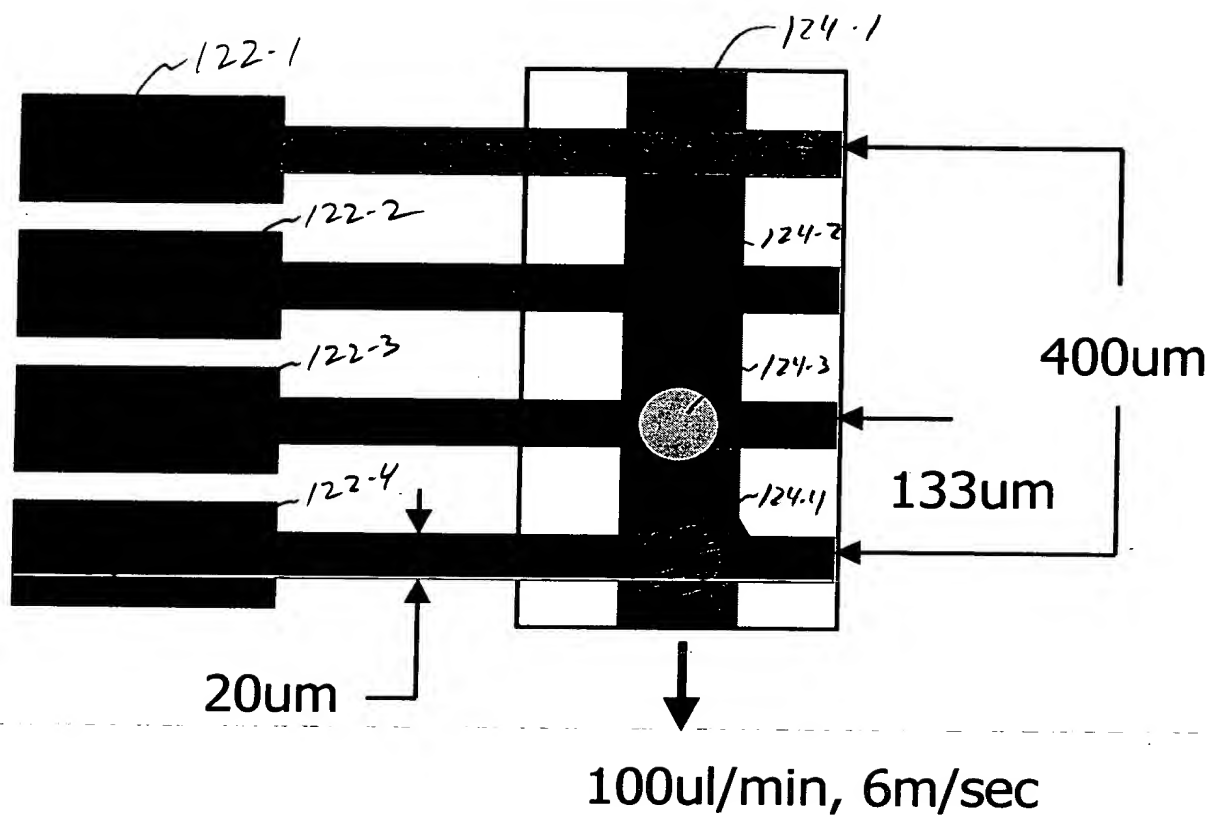
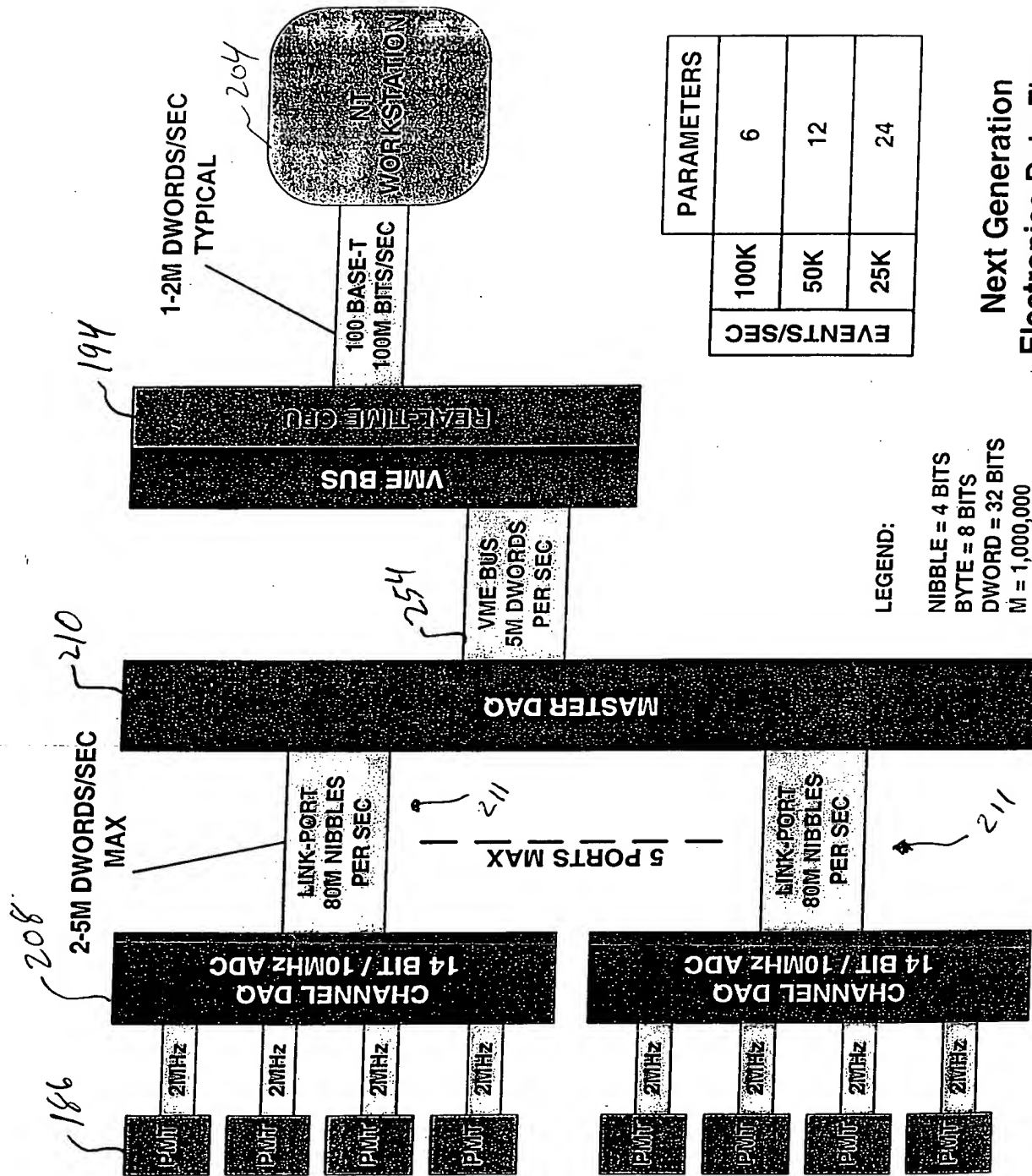


FIG. 16



Next Generation  
Electronics Data Flow

TOP SECRET

208



Voltage from PMT buffer amp, baseline serial control signals

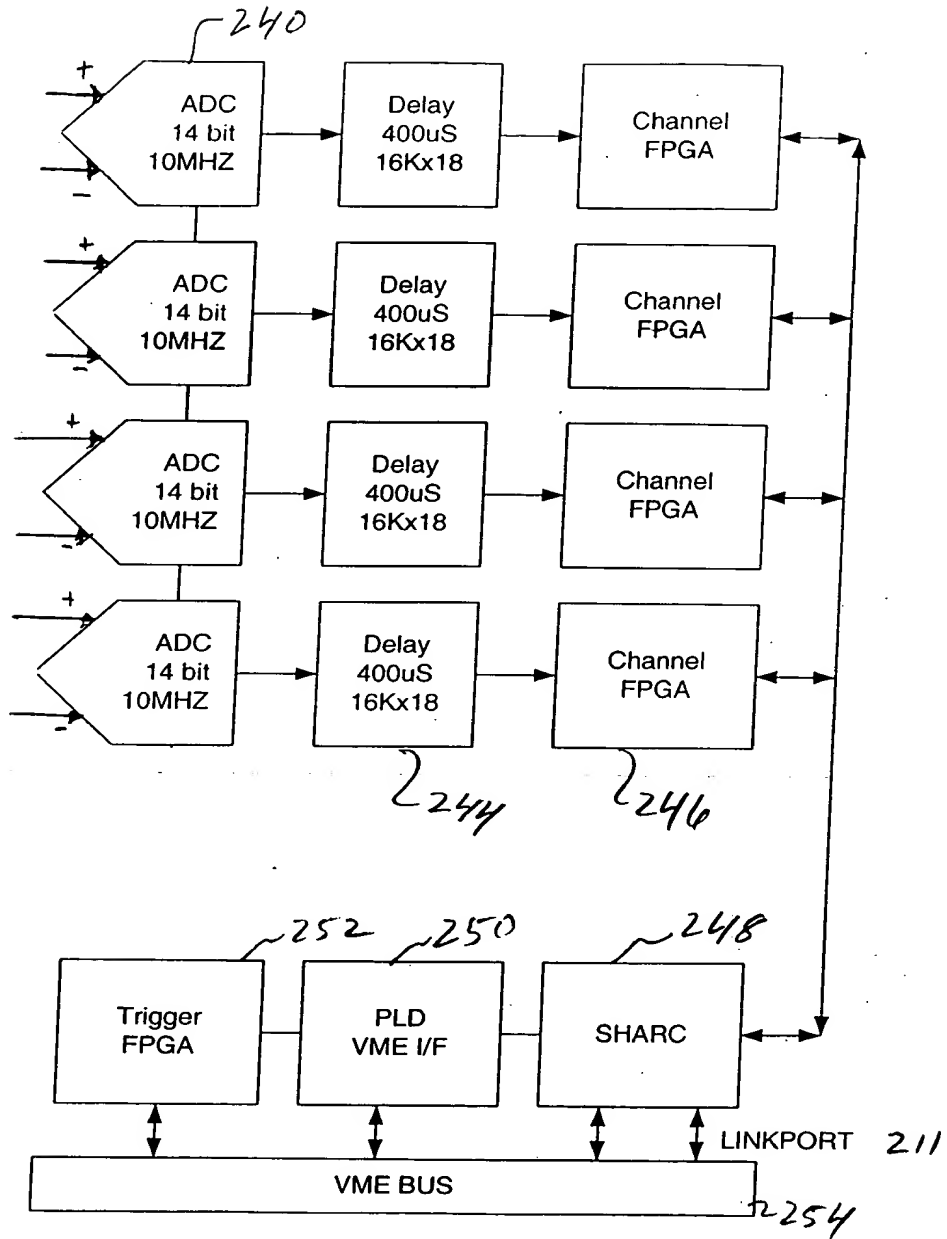


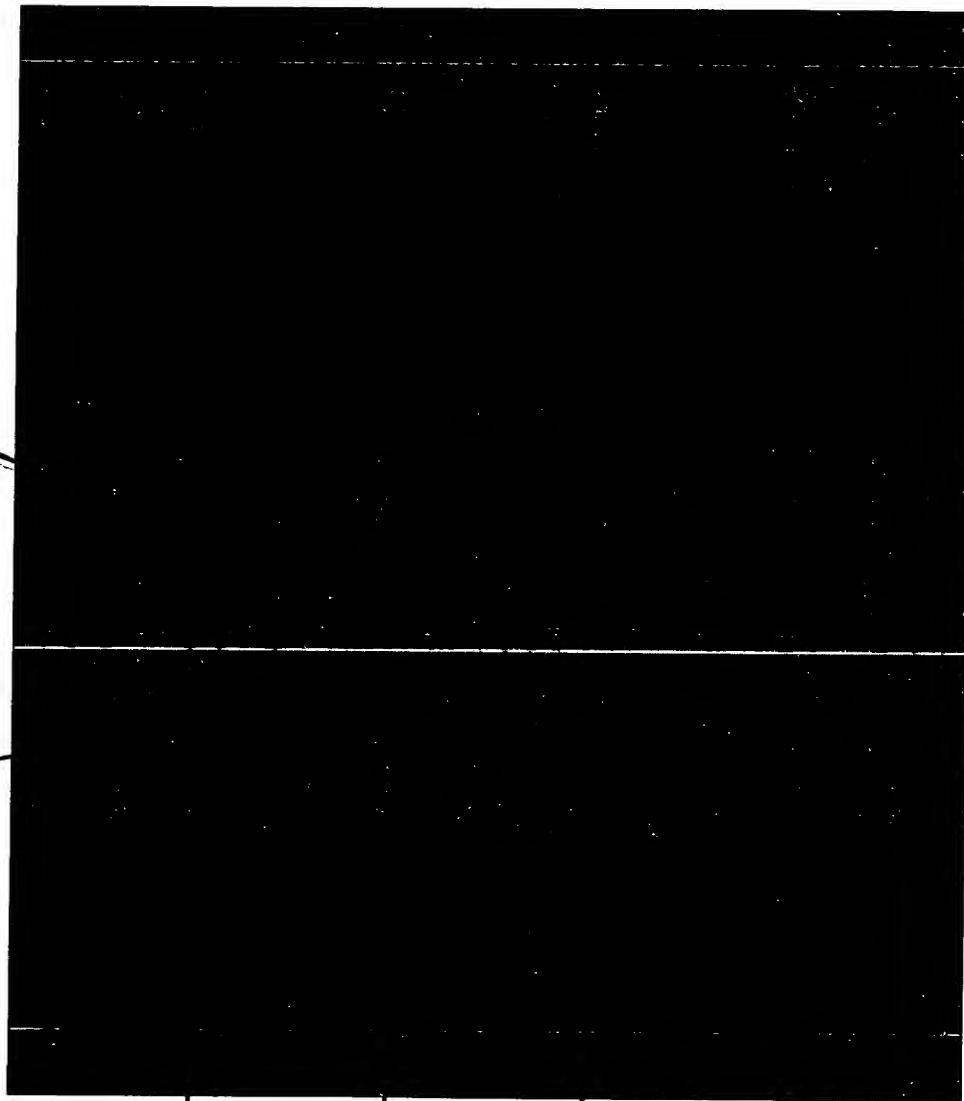
FIG. 18



FIG. 19

240

244



166

PMI D

PMI C

PMI B

PMI A

FIG. 19

210

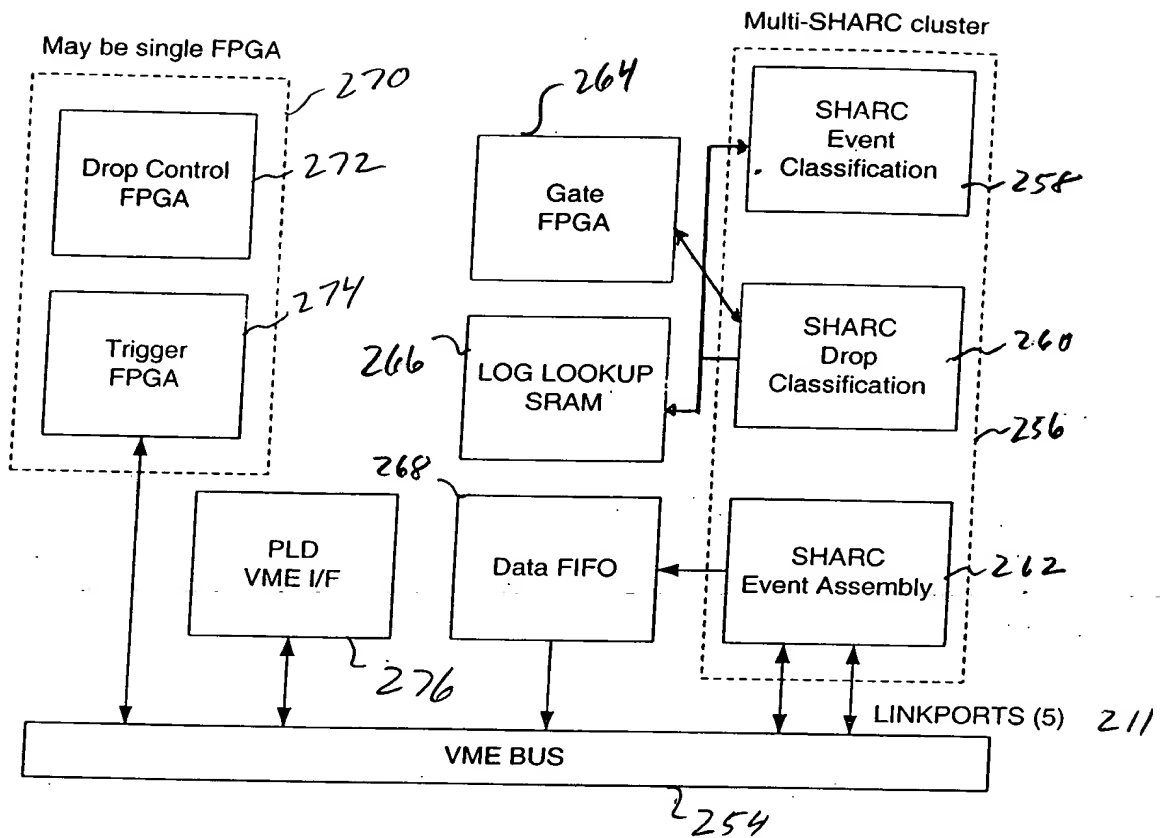


FIG. 20

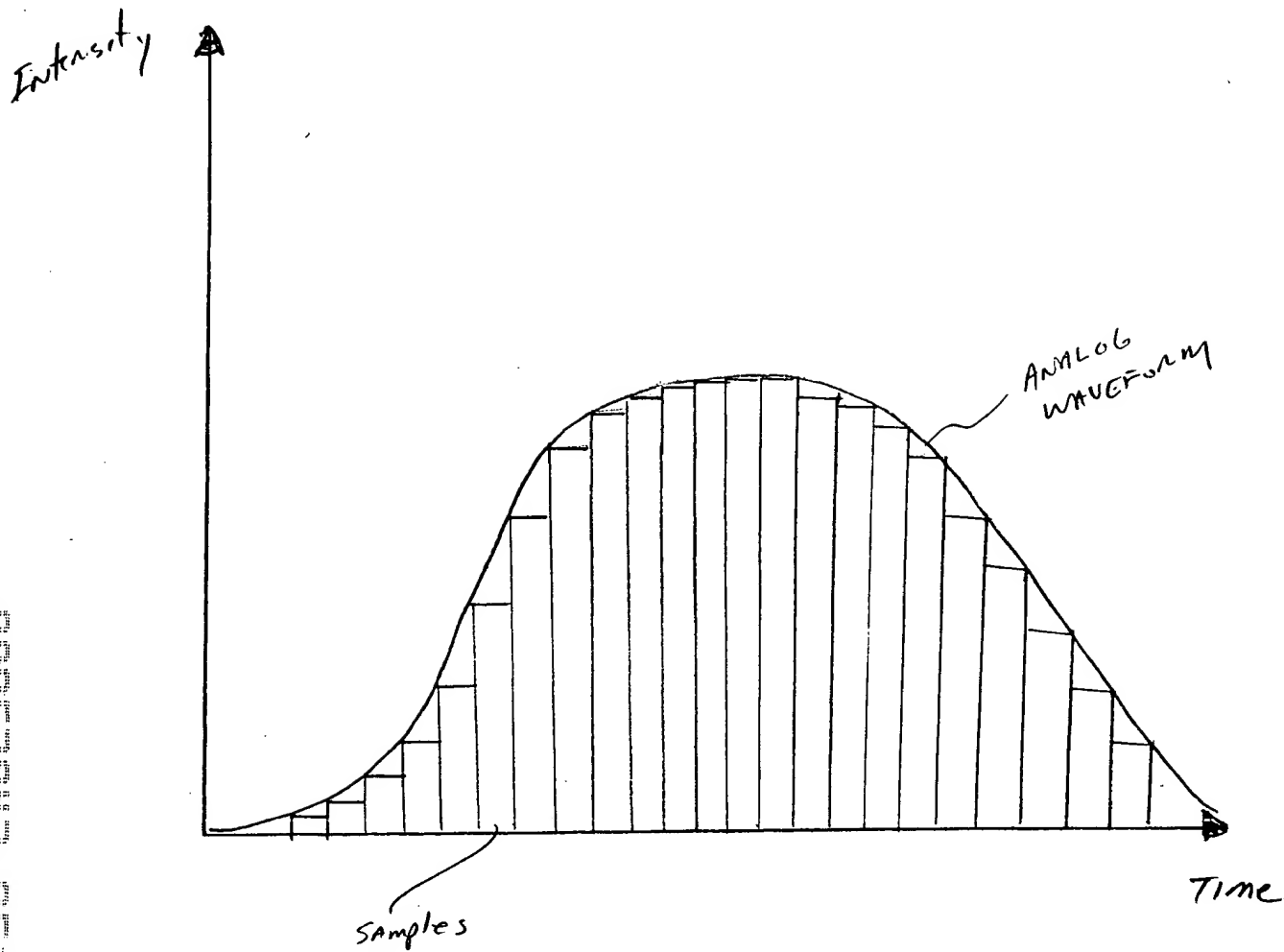


FIG. 21

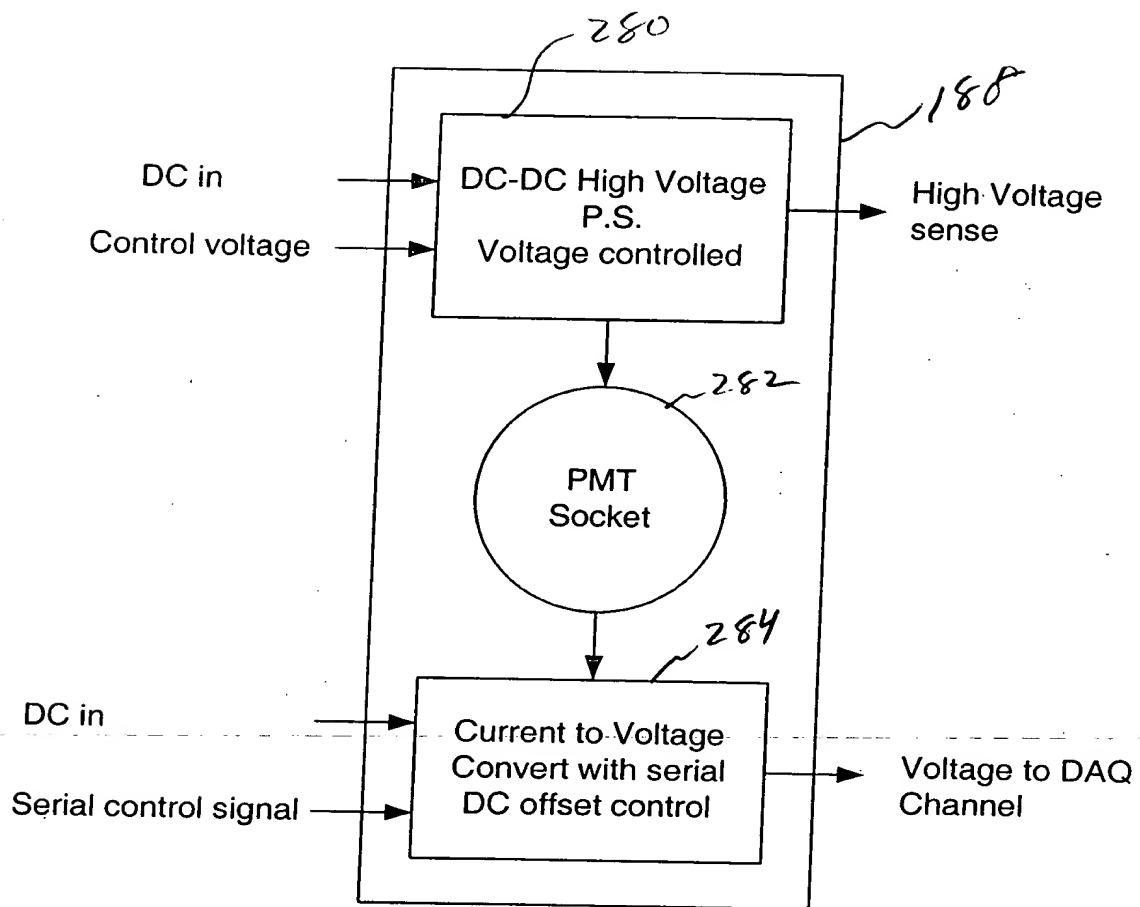
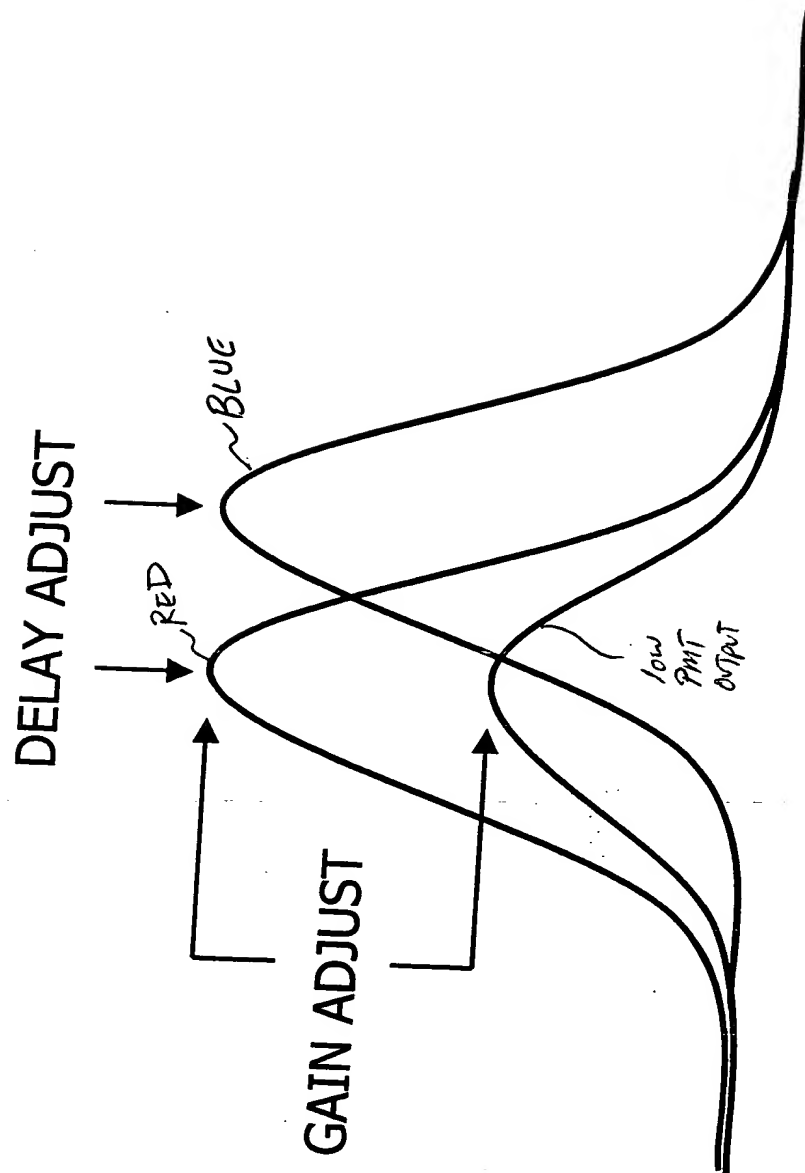


Fig. 22



Raw Channel Signal

# Inter-Laser Crosstalk

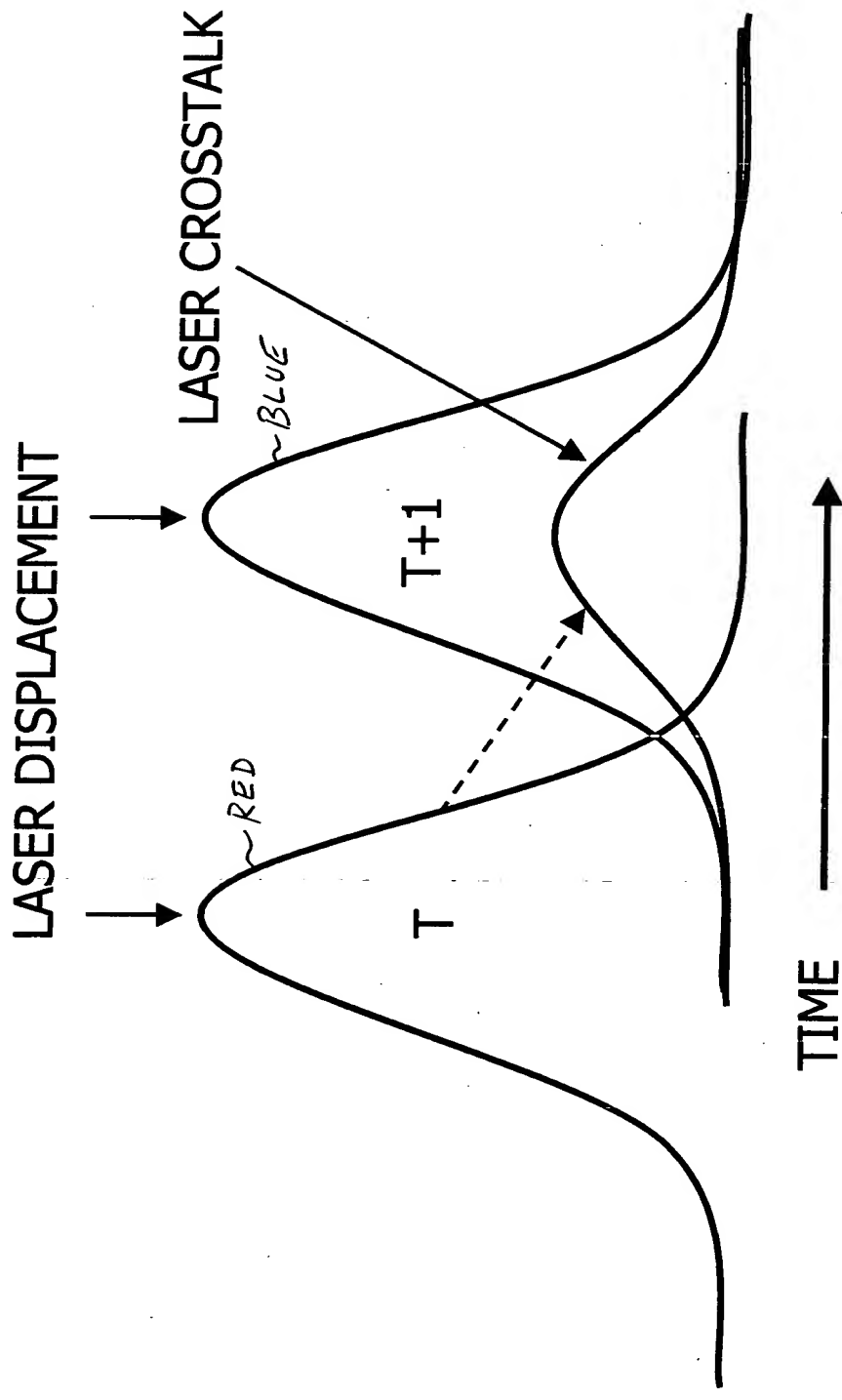


Fig. 24

# Inter-Laser Crosstalk

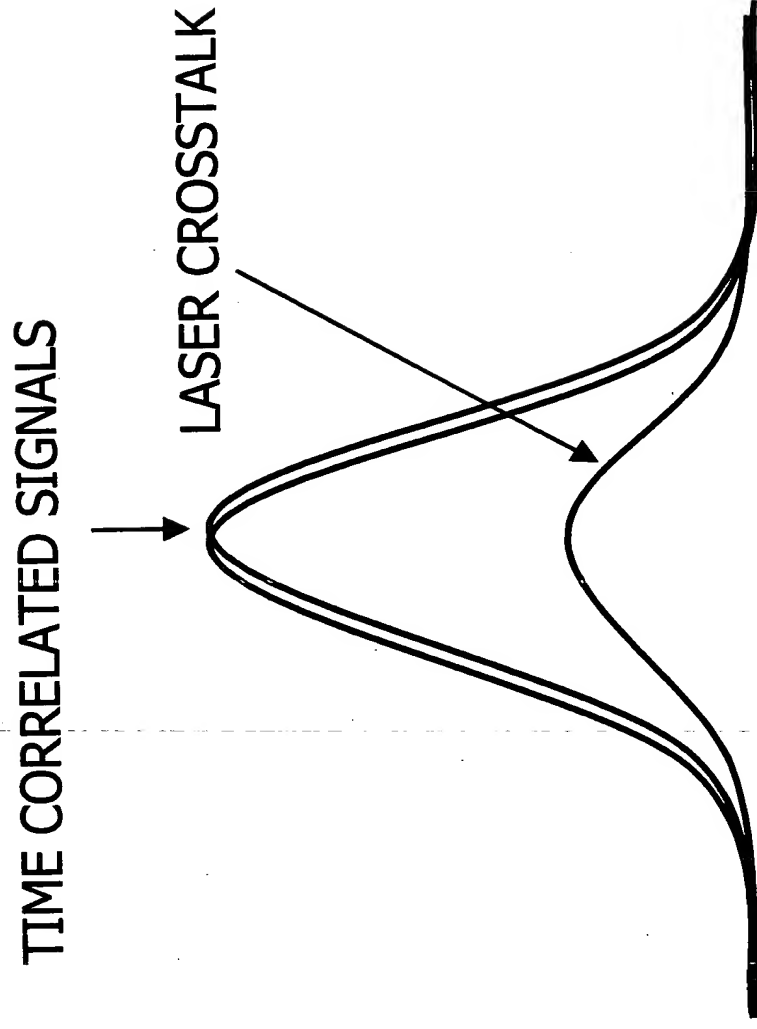
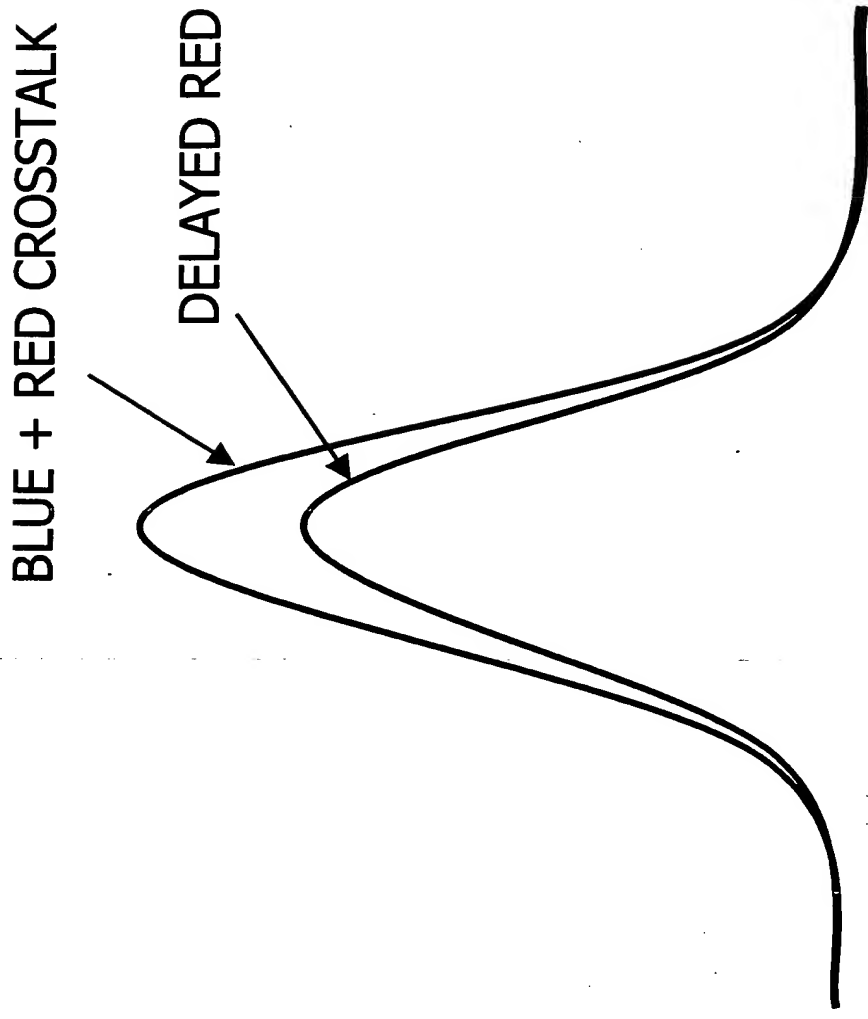


Fig. 25

# Inter-Laser Crosstalk





# Inter-Laser Compensation

BLUE = BLUE - % RED

DELAYED RED

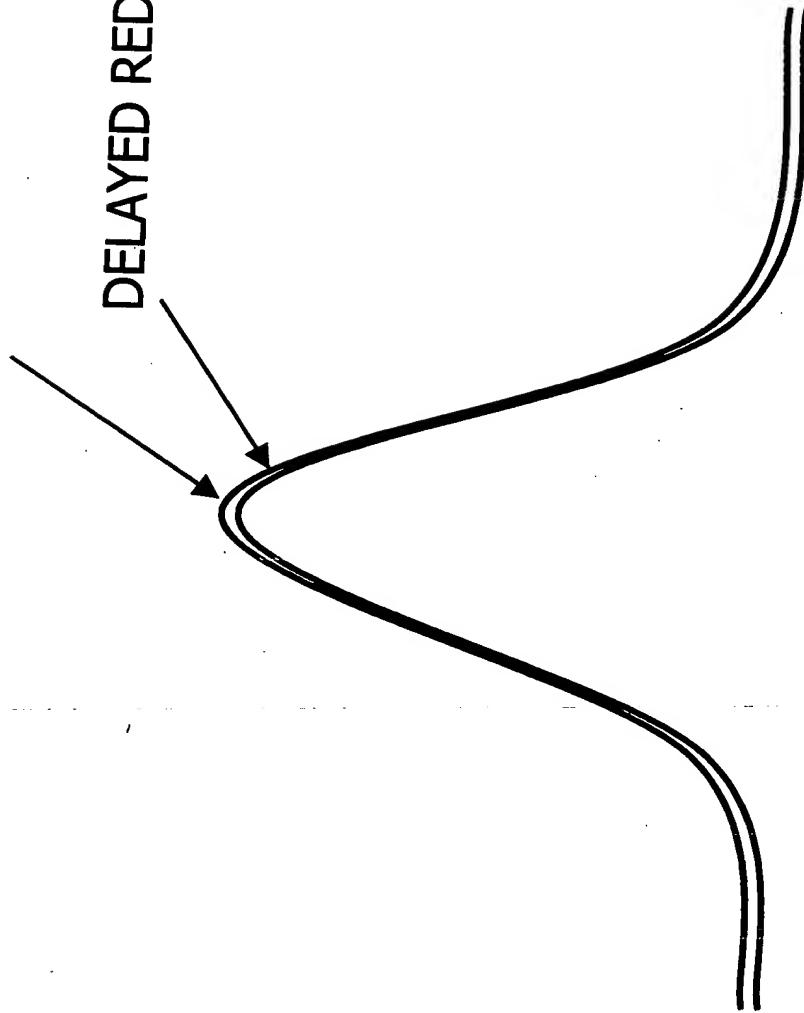


FIG. 27